

What is claimed is:

1. A shield material comprising:
a flexible element formed of a composite material consisting of an
5 organic material and a dispersed material having a nuclear or electromagnetic
radiation-shielding ability; and a cloth-like sheet formed of a flame-resistant fiber,
wherein said flexible element is wrapped with said cloth-like sheet.
2. The shield material as defined in claim 1, wherein said dispersed material is a
10 heavy-metal powder, and said shield material is used for a nuclear radiation shield.
3. The shield material as defined in claim 1, wherein said dispersed material is
one selected from the group consisting of a metallic iron, an iron oxide and a dielectric
material being capable of absorbing electromagnetic radiation, and said shield material is
15 used for an electromagnetic radiation shield.
4. The shield material as defined in claim 1, wherein said flame-resistant fiber is
either one selected from the group consisting of glass fiber, metal fiber, carbon fiber and
ceramic fiber.
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5. The shield material as defined in claim 1, wherein said cloth-like sheet is coated
with a non-air permeable coating material.
6. A shielding material attached with a reinforcing member having reinforcing
25 ability against bending, onto a shielding element consisting of an elastic polymeric
organic compound dispersed with a dispersed material having a nuclear or
electromagnetic radiation-shielding ability.
7. The shield material as defined in claim 6, wherein
30 said dispersed material consists of a heavy metal or a magnetic material
and
said elastic polymeric organic compound consists of an elastomer resin
or a vulcanized rubber.
8. The shield material as defined in claim 6, wherein said reinforcing member is
35 at least one selected from the group consisting of a film made of polyethylene, nylon or

metal, a wire mesh formed of nylon fiber or metal fiber, and a plate- or rod-shaped member having a surface formed with a protrusion.

5 9. The shield material as defined in claim 6, wherein said reinforcing member is attached onto or in the vicinity of a surface, or inside said shielding element.

10 10. The shield material as defined in claim 6, wherein said reinforcing member is attached to said shielding element in such a manner as to be compression-bonded thereto.

10 11. The shield material as defined in claim 6, wherein said reinforcing member is attached to said shielding element in such a manner as to be compression-bonded between two divided pieces of said shielding element.

15 12. The shield material as defined in claim 6, which further includes a cloth-like sheet which is wrapped around the integral structure of said shielding element and said reinforcing member attached thereto, said cloth-like sheet being interweaved with a high-strength fiber which is either one selected from the group consisting of glass fiber, metal fiber and nylon fiber.